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The Maryland Agricultural College Bulletin

SUMMER TRAINING SCHOOL FOR RURAL TEACHERS

AT COLLEGE PARK, MD.

JUNE 22ND TO JULY 31ST, 1914

CONDUCTED UNDER THE AUSPICES OF THE
MARYLAND AGRICULTURAL COLLEGE,
IN CO-OPERATION WITH
THE STATE BOARD OF EDUCATION

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LIBRARY—COLLEGE PARK

MARYLAND NEEDS.

"What Maryland needs is a State-wide constructive program for redirecting the county schools toward the farm, the farm home, and higher levels of community life.——Taking everything into consideration, the social and civic center for the rural community should be the school building. It is the only building available for such purposes in every rural community, that belongs to all the people. The consolidated rural school with its social center assembly hall, laboratories and kitchens, ample play grounds and apparatus, demonstration farm and home for the teachers, has solved these problems in those communities fortunate enough to have such a school. A community conscience, which is a compelling force for community building, is created around such a school." (Edwin Lee Holton, Investigator for The Maryland Country Life Commission).

Summer Training School

FOR TEACHERS

East campus

College Park, Md.

JUNE 22nd TO JULY 31st, 1914

Summer School Faculty.

H. J. Patterson, D. Sc., President.

J. E. Metzger, B. S.,
Professor of Agricultural Education, Director Summer School.

Miss Emma S. Jacobs,
Director of Domestic Science, Public Schools, Washington, D. C.

W. T. L. Taliaferro, A. B.,
Professor of Soils and Crops.

T. B. Symons, M. S.,
Dean of School of Horticulture, Professor of Entomology and Zoology.

Myron Creese, B. S. E. E.,
Professor of Electrical Engineering and Physics.

J. B. S. Norton, M. S.,
Professor of Vegetable Pathology and Botany.

J. F. Monroe, B. S. A.,
Professor of Vegetable Culture.

Herman Beckenstrater, M. S.,
Professor of Pomology.

F. B. Bomberger, B. S. A. M.,
Professor of History and Political Economy.

Charles S. Richardson, A. M.,
Professor of English and Oratory.

R. H. Ruffner, B. S.,
Professor of Animal Husbandry.

E. N. Corey, M. S.,
Associate Professor of Entomology and Zoology.

B. W. Anspon, B. S.,
Associate Professor of Floriculture and Landscape Gardening.

L. B. Broughton, M. S.
Associate Professor of Chemistry.

Howard Lorenzo Crisp,
Associate Professor of Mechanical Engineering.

Grover Kinzy, B. Sc.,
Assistant in Soils and Crops.

Roy H. Waite, B. S.,
Poultryman, Maryland Experiment Station.

B. H. Darrow, B. S.,
Y. M. C. A. Secretary, in charge of Games and Amusements.

Special Instructors and Lecturers.

Dr. M. Bates Stephens,
State Superintendent of Public Schools.

Prof. B. K. Purdum,
Assistant State Superintendent of Public Schools.

Prof. A. C. Monahan,
Specialist in Rural Education, U. S. Bureau of Education.

On the Way.

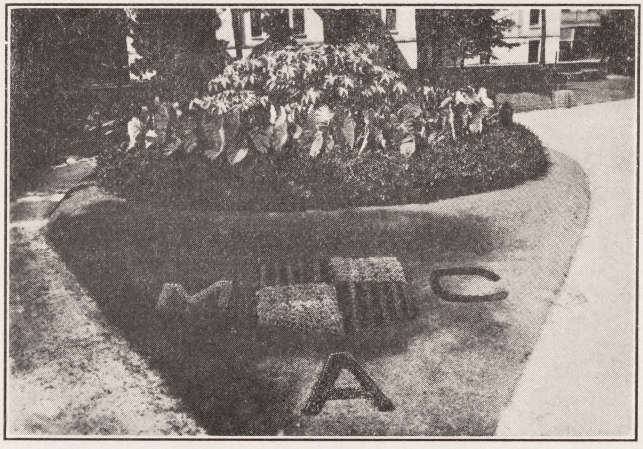
THE early summer season is the most favorable time of the year to study agriculture and allied subjects at the college. The College Farm with its gardens, orchards, field crops and fertilizer plots is at its best. These opportunities for first hand study in addition to the outdoor life and the freedom from the care of the school room will make a few weeks spent at your Agricultural College delightful and profitable.

Although elementary agriculture has been required for a teachers' certificate in the State of Maryland, no provision has ever been made for teachers to secure this training. The Summer Session is aimed not only to provide such training, but to open the doors of the State Agricultural College to the people of the state for a longer portion of the year. In addition, it now offers instruction to a class of students who heretofore have not been securing many of its benefits.

The courses in Domestic Science and Art, and Industrial Hand Work should be particularly attractive to the women teachers of the state. These courses not only provide useful training, but include such work as can be done in elementary and rural schools.

The instruction in the summer school is free to the teachers of the state. Any teacher or prospective teacher who enrolls for the work will have living expenses only. This puts the work within the financial limits of every rural teacher of the state of Maryland.

It is to the public school that we must look for the diffusing of most of the agricultural knowledge, since only a limited number of our rural population ever get to college or regularly read its publications. With our rapidly increasing population the demand for more food stuffs is increasing daily, but the new land which we can bring under cultivation is comparatively small. Our farmers must learn to use what they have to a better advantage. The public school with its teacher trained in agriculture and domestic art will be an important factor in bringing this about.



Welcome.

Location and Description

THE Maryland Agricultural College is located in Prince George's County, Maryland, on the line of the Washington Branch of the B. & O. R. R., eight miles from Washington, and thirty-two miles from Baltimore. At least ten trains a day from each city stop at College Station, thus making the place easily accessible from all parts of the State. Telephone connection is made with the Chesapeake and Potomac lines.

The College grounds front on the Baltimore and Washington Boulevard. The suburban town of Hyattsville is two miles to the south, and Laurel, the largest town in the county, is ten miles to the north on the same road. Access to these towns and to Washington, may be had by steam and electric railway. The site of the College is particularly beautiful. The buildings occupy the crest of a commanding hill, which is covered with forest trees, and overlooks the entire surrounding country. In front, extending to the Boulevard, is a broad, rolling campus, the drill ground and athletic field of the regular students. In the rear are the farm buildings and barn. A quarter of a mile to the northeast are the buildings of the Experiment Station. The College farm contains about three hundred acres, and is devoted to fields, gardens, orchards, vineyard, poultry, etc., used for experimental purposes and demonstration work in agriculture and horticulture.

The general appearance of the College grounds is exceedingly attractive. They are tastefully laid off in lawns and terraces which are ornamented with shrubbery and flower beds. The view from the grove and campus cannot be surpassed.

Accommodations.

The College expects to have their new dormitory, which will accommodate one hundred and ten students, ready for occupancy before the opening of the Summer Session. The home of former presidents of the College, located on the campus, will afford accommodations for thirty students. These accommodations will be reserved for women applicants. Ample accommodations may be had for students in the village or in the nearby towns of Berwyn, Riverdale and Hyattsville. The cost of board at the College dining hall will be twenty-four dollars for the entire term or at the rate of four dollars per week. The room rent is one dollar per week.

Expenses.

Board	$24.00
Room	6.00
Fees	5.00

Faculty.

The faculty of the Summer Session will consist of members of the regular college staff, aided by lecturers and specialists of other institutions who are of known efficiency in their work.

Registration.

Monday, June 22d., will be registration day. Students should register on Monday and be ready for the class work on Tuesday, June 23d. Admission to class work after June 23d. may be had by special permission only. Students may register in advance by filling out the enclosed blank, and mailing to the Director of the Summer Session.

Tuition and Fees.

The instruction is free to all teachers of Maryland and the District of Columbia. A registration fee of five dollars will be charged to all applicants who are residents of the state of Maryland, and a charge of ten dollars to non-residents. This fee will be used to cover the cost of janitor service, lighting of class and lecture room, and for general use of College property.

Courses.

Instruction will be given in the following subjects: Elementary Agriculture, Domestic Science, Domestic Art, Industrial Hand Work, History of Maryland, Nation and State Constitutions and School System of Maryland, Theory and Practice of Teaching, Botany, Zoology, Entomology, Chemistry, Physics.

Books.

Teachers should bring with them any text books relating to the subjects in which they expect to receive instruction. The College will order and deliver at cost any books which are necessary for the student in the work. A nominal charge will be made for each book loaned by the College.

The College and Experiment Station Libraries will be open for students' use. They contain a carefully chosen list of reference books in the Sciences, History, Biography, Poetry and the standard works of Fiction. In addition, the shelves contain a complete set of State and National reports and surveys.

Work Required.

All rural teachers will be required to take at least two of the vocational subjects. It is desirable that the male teachers take the courses in Elementary agriculture and rural industrial work. The female teachers will take the courses in Home Economics and Elementary Agriculture.

All teachers holding provisional certificates will be required to take the work in at least two of the following subjects: Theory and Practice of Teaching, National and State Constitutions and School Systems of Maryland, and History of Maryland. They may elect such other courses as time and individual ability will permit.

Credits.

Students completing the work in the required subjects and passing a satisfactory examination shall be given credit for these subjects on their teacher's certificates by the County Superintendent of their respective county. The Agricultural College will give entrance or college credit, respectively, in all subjects in which the student performs the requisite amount of work.

Field Excursions.

The vicinity of College Park abounds in places of historic and geologic interest. The College farm with its experiments in fertilizers, field crops, market garden crops, fruits, dairy herds, and poultry plant will afford ample opportunity for useful

study. The City of Washington, which is only eight miles distant, will give the students unbounded opportunity to study the Governmental Departments at first hand. Several prearranged excursions to places of interest will be features of the Summer Session.

Program.

Breakfast	7.00 a. m.
First Hour Classes	8.15 to 9.05 a. m.
Second Hour Classes	9.15 to 10.05 a. m.
Assembly	10.10 to 10.25 a. m.
Third Hour Classes	10.30 to 11.20 a. m.
Fourth Hour Classes	11.30 to 12.20 a. m.
Noon	12.20 to 1.20 p. m.

AFTERNOON.

Fifth Hour Classes	1.20 to 2.10 p. m.
Sixth Hour Classes	2.2 to 3.10 p. m.
Conference Hour	3.15

Conference Hour.

The Conference Hour is planned for two specific purposes. First, to give the student an opportunity to confer with instructors on subjects relative to school work. Second, an hour in which men of prominence in their special lines of work will address the students, or conduct "Round Table" discussions. These lectures will be given by appointment, and will be along Country Life lines.

Games and Amusements.

Students will have the use of the Athletic Field and Gynasium. They will be taught games and organized play in a way that will not only give them beneficial recreation, but instruction also.

Description of Courses.

Elementary Agriculture.

An elementary course conducted by means of text-books, recitations, laboratory work, and farm observations. Three recitations and three double laboratory periods per week; special instructors, from the divisions of the Department of Agriculture of the College, will demonstrate and give practical work in the different branches of the subject. The laboratories and apparatus of the Agricultural College will be used in this work. The student will be provided with outlines, references and methods of presenting this work in the rural schools. The laboratory and field work will be divided as follows, a week being given to each division: Soils and Soil Fertility, Farm Crops, Animal Husbandry, Horticulture, Vegetables and Fruits, and Poultry. Professors Metzger, Taliaferro, Monroe, Beckenstrater, Ruffner Waite and Kinzy.

Domestic Science.

The Domestic Science course will be a presentation of the subject in such a way as to enable the teachers to carry the work into the rural schools. The work comprises a study of foods, Sanitation, Hygiene, and Domestic Art. Two periods daily.

Foods.—The kinds of foods will be considered as to composition and use to the body. Emphasis will be placed on the cost, and preparation of foods. The course will include the study of vegetables, cereals, breads, meats, eggs and milk.

Hygiene.—A study of the improved methods of heating, ventilating and lighting of homes and school rooms; personal hygiene, bandaging and first aid remedies.

Sanitation.—An elementary course in household bacteriology, water supplies, sewerage disposal and the principles of cleaning as applied to homes and household utensils. Miss Jacobs.

Industrial Hand Work.

This course is intended for both men and women. The work is divided into three parts.

HOUSEHOLD ART.—A course for women. The work will be such as is applicable to rural schools. It will include the making of a series of models illustrating the various stitches, and the drafting and making of a number of garments. Lessons in materials, textiles and fibres will be given in this course.

CARPENTRY.—A course for men. An elementary course in carpentry in which the use and care of tools, and the principles of joinery are taught. Special attention will be given to the planning of plain structures for the home and farm.

HANDICRAFT.—A course for men and women. The course includes work in weaving, braiding, raffia, iron and brass, and the tying of knots in ropes and cords, the making of hitches and fastenings, and splicing of ropes so that they run smoothly through pulleys. A rope halter will also be constructed. Miss Jacobs, Professor Crisp.

History of Maryland.

This course will give the student a broad knowledge of the colonial and State history of Maryland. It will be interesting and valuable for teachers to make a special study of the history of Maryland in this the Centennial year of its final independence. The course will meet the requirement for credit for a first grade certificate. Professor Richardson.

National and State Constitutions and School System of Maryland.

This course will meet the requirements of the State Board of Education for credit for a first grade certificate. The course comprises a study of the National and State Constitutions. In addition, it will acquaint the student with the duties of a teacher as an officer of the state, school boards, trustees, contracts, care of property, records and reports. Prof. Bomberger.

Theory and Practice of Teaching.

A course in the theory and art of teaching, combined with a comprehensive study of the State course of study as planned by the State Superintendent in co-operation with the County Superintendents. Professor Metzger.

Botany.

An elementary course in the general principles of anatomy, morphology, and physiology of higher plants. The structure and types of seed, root, stem, leaves, flowers, and fruit are studied in the field and laboratory, with a brief consideration of the functions of the different plant organs. There is also field work designated to give knowledge of the common Maryland plants. Each student will make a collection of plants and identify them. Professor Norton.

Zoology and Entomology.

This course is designed to give the student a practical working knowledge of animal life, plant diseases, injurious insects. A study will be made of the general form, characteristics, habits and classification of animals. Professor Corey.

Chemistry.

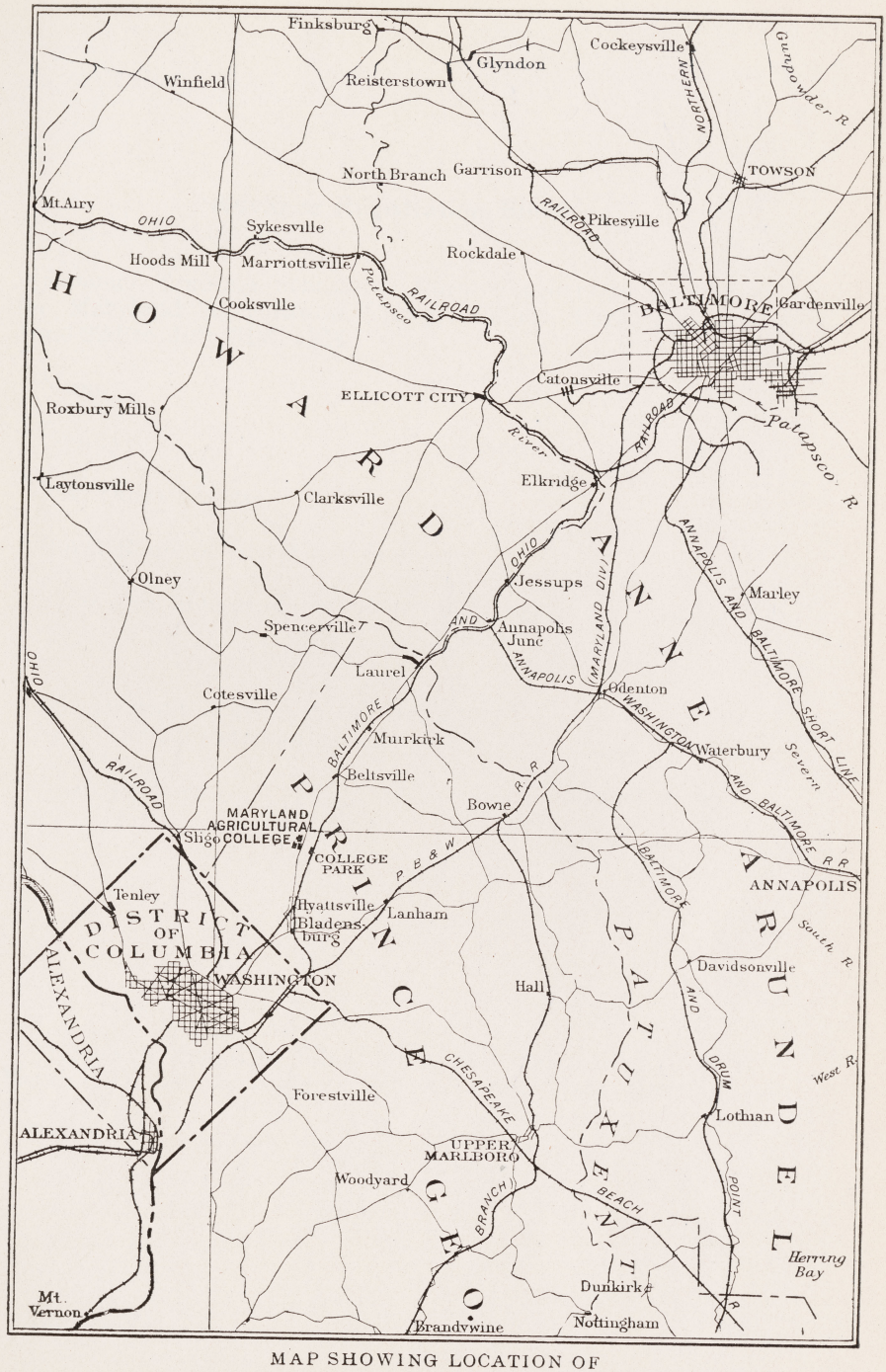
An elementary course in general chemistry with special reference to the chemistry of foods, plants, animals, soils, fertilizers and chemistry of cleaning. Professor Broughton.

Physics.

A course of lectures, recitations and experimental demonstrations by the instructor on the mechanics of soils, liquids and gases. The student is required to work problems and make practical applications of the principles studied. Professor Creese.

Certificates.

Students who complete the work in any of the summer courses will be granted a certificate at the close of the term. This certificate will show the amount and grade of work covered and will be signed by the College authorities.



MAP SHOWING LOCATION OF

MARYLAND AGRICULTURAL COLLEGE.

8 7 6 5 4 3 2 1 0 8

8 miles = one inch

Advance Registration Blank.

Summer Training School for Rural Teachers to be held at the Maryland Agricultural College, College Park, Maryland, June 22d to July 31st, 1914.

Name

County State

Post Office address

Rural Route or Street and Number

Name and address of parent or guardian.....

.....

Do you want to room in the Dormitory?
Name the subjects you wish to study.

First choice.	Second choice
.....	.....
.....	.....
.....	.....
.....	.....

This blank should be filled out in full and mailed to J. E. Metzger, Director of Summer School, College Park, Maryland.

Date.....

ANNOUNCEMENT.

A Department of Agricultural Education has been established at the Maryland Agricultural College. The purpose of this department is to train teachers, in agriculture and allied subjects, to teach in the high schools and other secondary schools of the state. The course is arranged to give the students a broad general knowledge of agriculture, languages, sciences and pedagogy.

Full information concerning this course may be obtained by addressing President H. J. Patterson, College Park, Maryland.